

Amendments to the Specification:

The Paragraph beginning at Page 321, lines 9-15, is to be amended as follows:

Fig. Y37203 shows a schematic block diagram for the Counter Unit. The Counter Unit generates counters C1, C2 (used internally) and the selected N index. In addition, the Counter Unit outputs flags C1Z and C2Z for use externally. Registers C1 and C2 are updated when they are the targets of a DBR or SC instruction. The high bit of the operand (bit₃ of the effective command) gives the selection between C1 and C2. Logic₁ and Logic₂ determine the WriteEnables for C1 and C2 respectively.

The Paragraph beginning at Page 345, lines 25-41, is to be deleted.

The Paragraphs beginning at Page 346, through to Page 347, ending at line 33 are to be deleted.